

**Amendments to the Claims:**

This listing of claims will replace all prior version, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-35 (Canceled)

36. (Previously presented) An isolated  $\beta$ -glucuronidase, wherein the  $\beta$ -glucuronidase is encoded by a nucleic acid molecule comprising nucleotides 1-1689 of SEQ ID NO: 14 or by a nucleic acid molecule that hybridizes under stringent conditions to the complement of nucleotides 1-1689 of SEQ ID NO: 14 and which encodes a functional  $\beta$ -glucuronidase.

37. (Previously presented) An isolated  $\beta$ -glucuronidase, comprising the amino acid sequence of SEQ ID NO: 6, or a variant thereof, wherein the variant has 90% amino acid identity to SEQ ID NO: 6 and wherein the variant has  $\beta$ -glucuronidase activity.

Claims 38-59 (Canceled).

60. (Previously presented) An isolated fusion protein, comprising, a  $\beta$ -glucuronidase that is encoded by a nucleic acid molecule comprising nucleotides 1-1689 of SEQ ID NO: 14 or by a nucleic acid molecule that hybridizes under stringent conditions to the complement of nucleotides 1-1689 of SEQ ID NO: 14 and which encodes a functional  $\beta$ -glucuronidase, and a peptide.

61. (Previously presented) The fusion protein according to claim 60, wherein the peptide is hexa-His or streptavidin.

62. (Previously presented) An isolated fusion protein, comprising a  $\beta$ -glucuronidase comprising the amino acid sequence of SEQ ID NO: 6 or a variant thereof, wherein the variant has 90% amino acid identity to SEQ ID NO: 6 and wherein the variant has  $\beta$ -glucuronidase activity, and a peptide.

63. (Previously presented) The fusion protein according to claim 62, wherein the peptide is hexa-His or streptavidin.